APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

Destruction of Molecular Chains and Disruption of Cross Links During Aging of Vulcanizates, by L. I. Lyubchanskaya, A. S. Kuz'minskiy, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV, No 6, pp 1436-1438.

Sci

Jul 61

CB

(GB/57/81)

167,426

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

The Role of Dispersion in the Combustion of Explosives, by A. G. Merzhanov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV, No 6, 1960, pp 1439-1441.

CB

Sci
Jul 61

167, 427

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

The Vibrational Distribution Function for Monatomic Molecules in Monomolecular Decomposition, by E. E. Nikitin, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV, No 6, 1960, pp 1442-1445.

CB

OTS 61-18645

Sci
Jul 61

167, 428

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

The Relation Between the Yield of Radiochemical Reactions and the Concentration of Dissolved Substances, by M. A. Proskurnin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV, No 6, 1960, pp 1446-1449.

CB

Sci
Jul 61

167,429

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

The Relation Between the Electrical Conductivity of Organic Substances with Conjugate Bonds and the Electron Magnetic Resonance Spectra, by K.B. L. Tal'roze, L. A. Blyumenfel'd, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, XXXXX Vol CXXXV, No 6, 1960, pp 1450-1452.

CB

S&i
Jul 61

167,430

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

On the Spiral Sensory Innervation in the Intraorganic Blood Vessels of the Spine, by P. A. Motavkin, T. B. Mukho, pp. 3.

RUSSIAN, per: Dok Ak Nauk SSSR, Vol CXXXV, No 6, 1960, pp. 1509-1511.
1960

AIBS

Sc1

167932

Sept 61

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

The Effects of Temperature on Lake Frogs (Rana ridibunda Pall.) under Natural And Experimental Conditions, by I. M. Pashkova, O. N. Sudarev, pp. 3.

RUSSIAN, per. Dok Ak Nauk SSSR, Vol CXXXV, No 6, 1960, pp. 1512-1515.

AIBS

Sci

Sept 61

167, 918

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

Ultraviolet Fluorescence Microscopy of the Regular Components of the Bone Marrow and Peripheral Blood, by E. M. Brumberg, I. Ya, Barskiy, T. M. Kondrat'yeva, et al, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV, No 6, 1960, pp 1521-1524.

AIP
Sov Phys - Dok
Vol V, No 6

NIKS

158, 417

Sci

Jun 61

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

Long Conservation of Unpaired Electrons in Macromolecules After Irradiation of Protein Solutions, by L. Kh. Yeidus, L. P. Kayushin, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV, No 6, 1960, pp 1525-1527.

AIP
Sov Phys - Dok
Vol V, No 6

Xxx Xc1

158, 418

Jun 61

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

Luminescence of Various Forms of Chlorophyll in the Leaves of Plants, by F. F. Litvin, A. A. Krasnovskiy, G. T. Rikhireva, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV, No 6, 1960, pp 1528-1531.

AIBS

OTS 6[illegible]

Sci

Jul 61

167, 431

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

Coacervate System Including RNA and Chlorophyll, by K. B. Serebrovskaya, A. I. Oparin, 9 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV, No 6, 1960, pp 1532-1535.

AIBS

CTS 62-18621

Sci

Jul 61

167, 433

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

The Creation of Winter Inheritance in Barley Hutans-103 by Means of Directed Breeding, by Ya. Enchev, I. Moskov, L. Bozova, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV, No 6, 1960, pp 1536-1538.

AIBS

Sci

160,770

Jul 61

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

The Effect of Anaerobiosis on Plant Photoperiodism, by M. Kh. Chaylakhyan, T. N. Konstantinova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV, No 6, 1960, pp 1539-1542.

AIBS

Sci

Jul 61

160,743

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

Changes in the Coloration of Marine Flounders (Platessa platessa L.) and Capelin (Mallotus villosus villosus Muller) Under Experimental Conditions, by A. D. Chinarina, pp. 5.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV, Nos [redacted], 6, 1960, pp. 1543-1545.

AIBS

Sci

Sept 61

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

Electrical Responses of Different Divisions of Auditory System to Successive Sound Stimuli, by Ya. A. Al'tman, A. M. Maruseva, pp. 4.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV, No 6, 1960, pp. 1546-1549.

AIBS

Sci

Sept 61

167 945

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

Hypertonic Syndrome in Animals Irradiated during Embryonic Development, by I. A. Piontkovskiy, A. M. Ivanitskiy, pp. 3.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV, No. 6, 1960, pp. 1554-1556.

AIBS

Sci

Sept 61

167,947

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

Determination of Morphogenetic Activity of Nuclei in Embryonic Development of Ascaris suum by Radiation Method, by A. A. Neifakh, I. T. Rass, pp. 4.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV, No 6, 1960, pp. 1557-1560.

AIBS

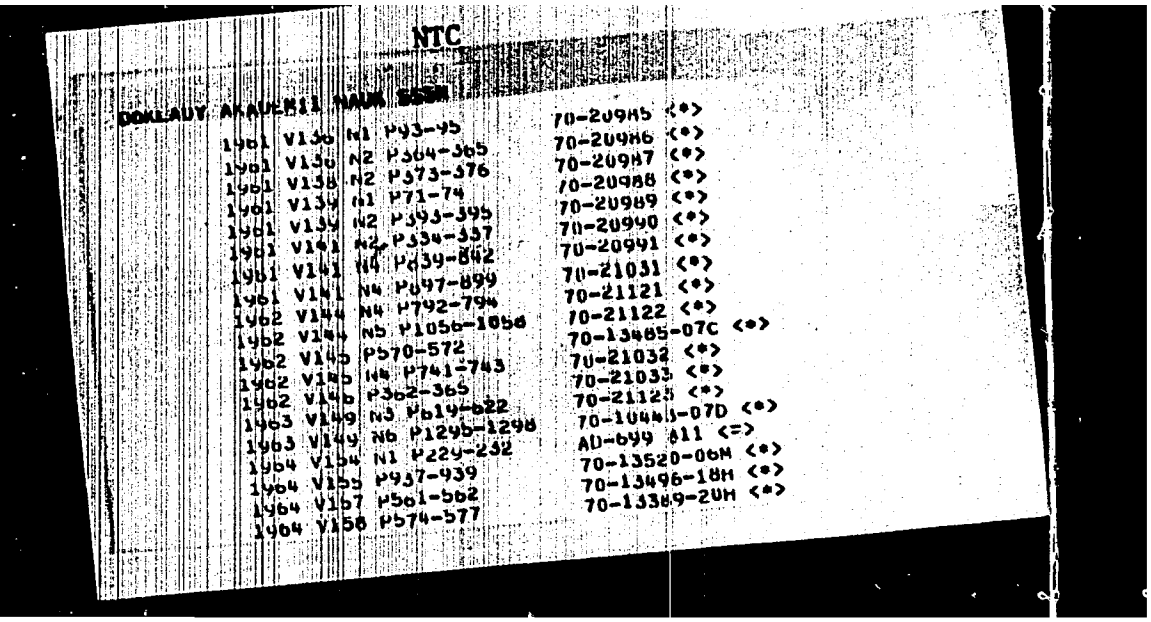
167,924

Sci

Sept 61

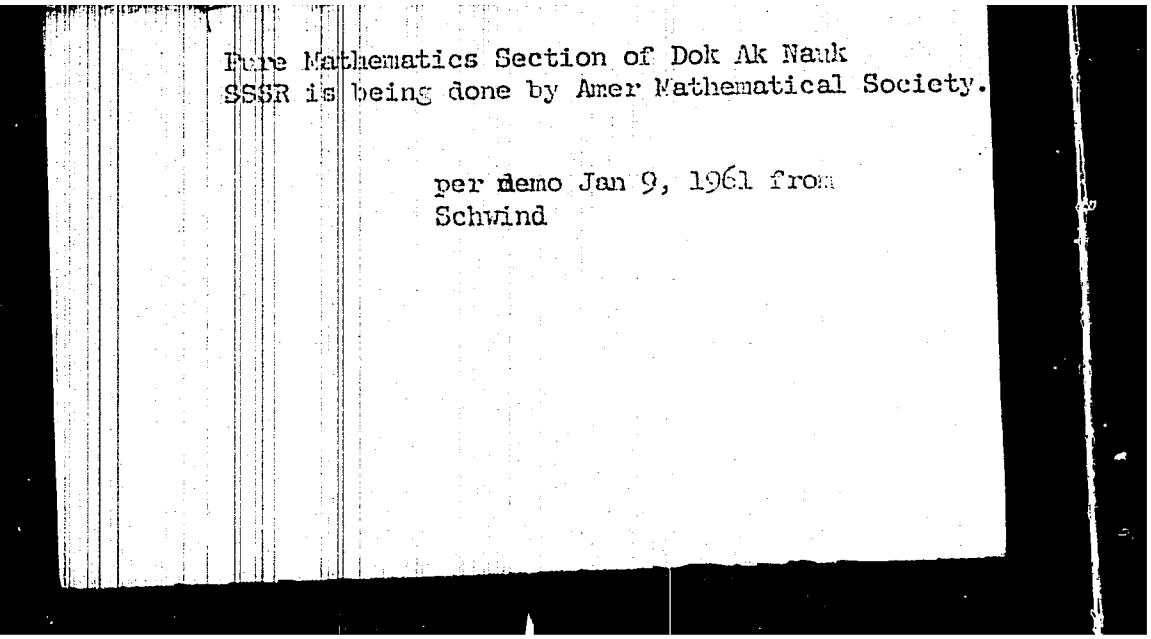
APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5



APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

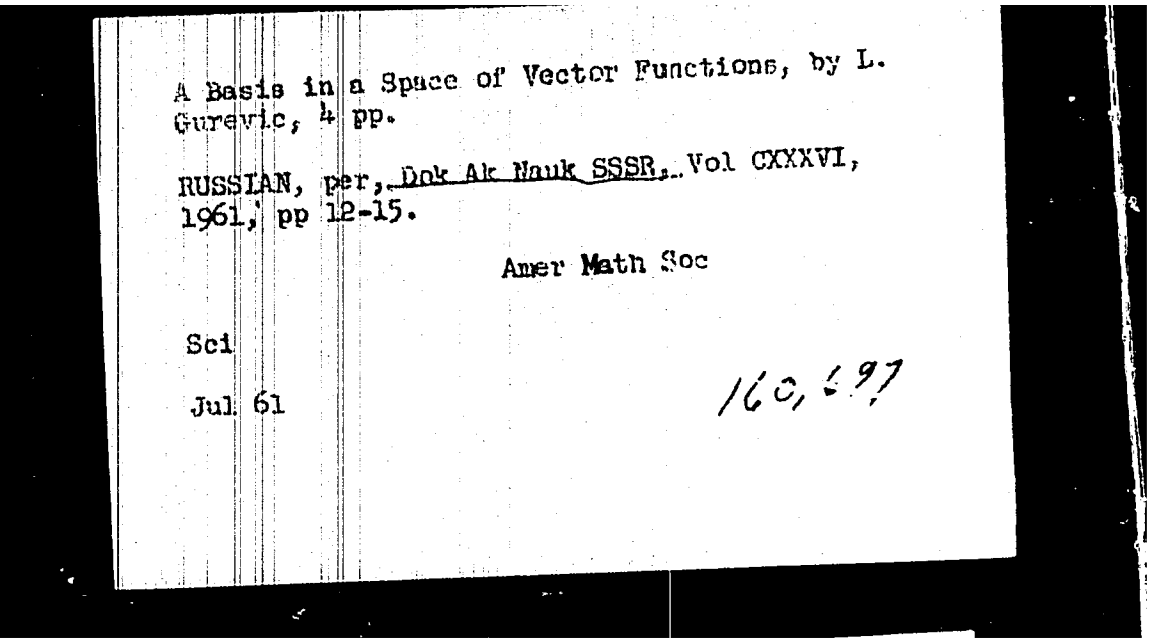


Pure Mathematics Section of Dok Ak Nauk
SSSR is being done by Amer Mathematical Society.

per memo Jan 9, 1961 from
Schwind

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5



A Basis in a Space of Vector Functions, by L. Gurevic, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, 1961, pp 12-15.

Amer Math Soc

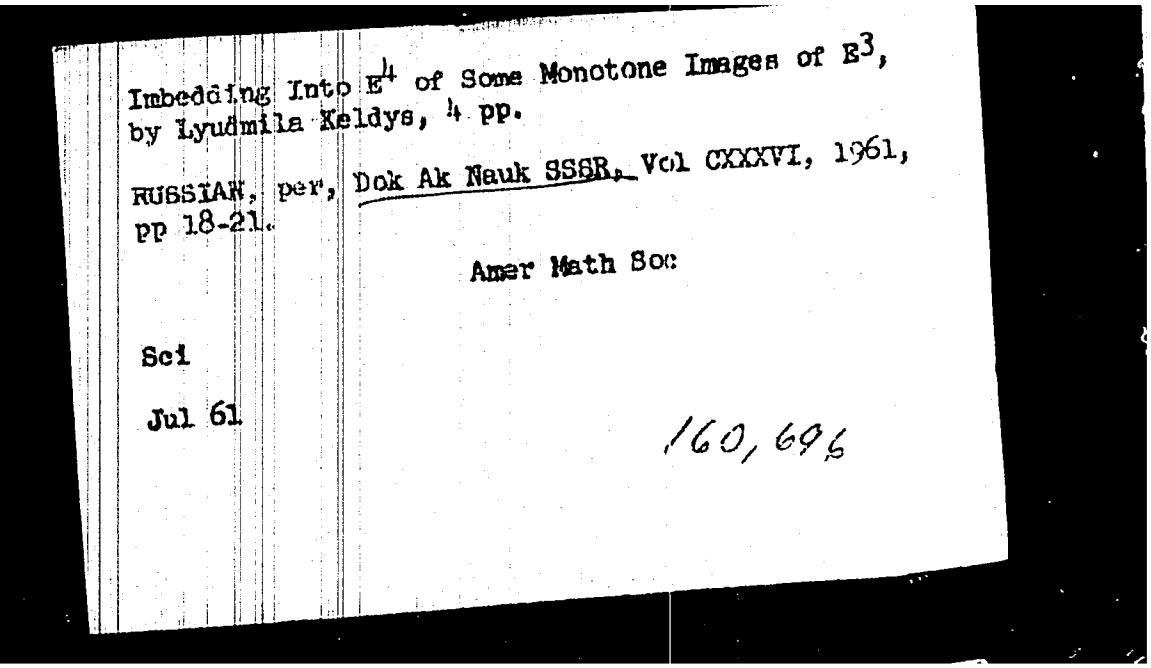
Sci

Jul 61

160,197

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5



Imbedding Into E^4 of Some Monotone Images of E^3, by Lyudmila Keldys, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, 1961, pp 18-21.

Amer Math Soc

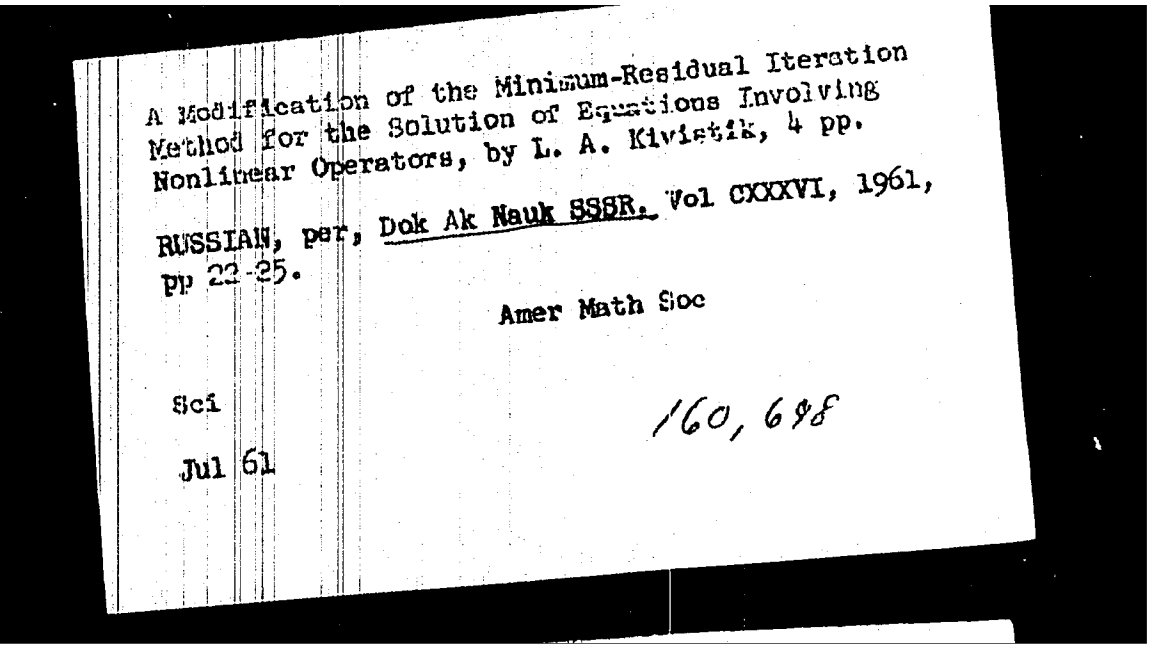
Sci

Jul 61

160,695

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5



A Modification of the Minimum-Residual Iteration Method for the Solution of Equations Involving Nonlinear Operators, by L. A. Kivistik, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, 1961, pp 22-25.

Amer Math Soc

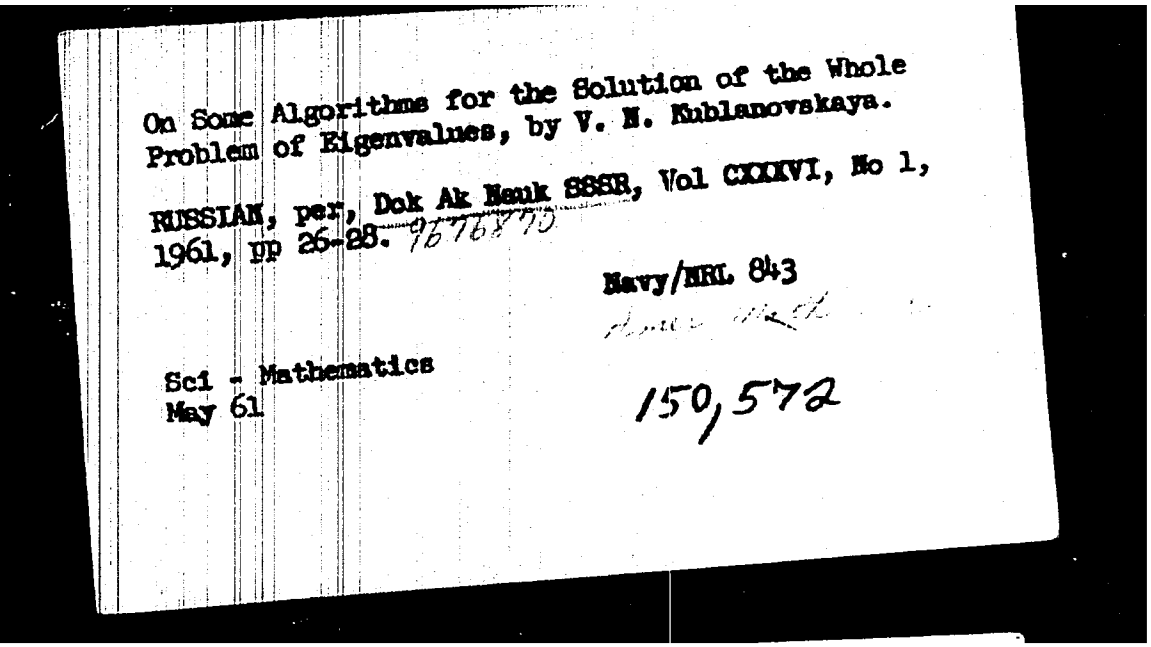
Sci

Jul 61

160,698

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5



On Some Algorithms for the Solution of the Whole Problem of Eigenvalues, by V. N. Kublanovskaya.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, No 1, 1961, pp 26-28. 9676875

Navy/NRL 843

Sci - Mathematics
May 61

150,572

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

Generalized Frommer's Method, by I. S. Kukles, A. M. Suyarsayev, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, 1961, pp 29-32.

Amer Math Soc

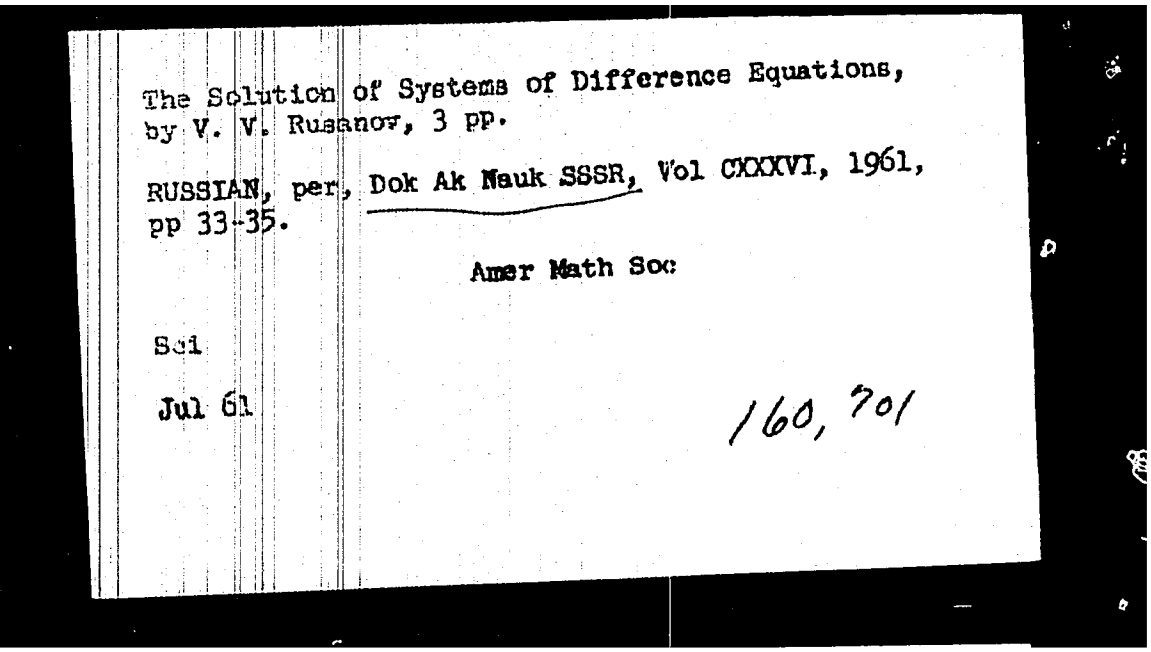
Sci

Jul 61

160,699

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5



The Solution of Systems of Difference Equations, by V. V. Rusanov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, 1961, pp 33-35.

Amer Math Soc

Sci

Jul 61

160, 701

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

(DC-5449)

The Maximum Principle in the Theory of Optimum Processes With Delay, by G. L. Kharatishvili, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, No 1, 1961, pp 39-42.

JPRS 8107

749,892

Sci - Math

Apr 61

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

Homotopic Duality for Spaces With a Group of Operators, by A. S. Svarc, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, 1961, pp 43-46.

Amer Math Soc

Sci

Jul 61

160,700

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

On Statistical Dynamics of an Incompressible Turbulent Fluid, by B. I. Davydov, 3 pp.

RUSSIAN. per, Dok Ak Nauk SSSR, Vol CXXXVI, No 1, 1961, pp 47-50.

SIP
Sov Phys - Dok
Vol VI, No 1

160,195

Sci

Jul 61

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

On the Theory of Free Finite Oscillations of a Surface Separating Two Unbounded Heavy Liquids of Different Densities, by Ya. I. Sekerzh-Zen'kovich, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, No 1, 1961, pp 51-54.

AIP
Sov Phys - Dok
Vol VI, No 1

160,194

Sci

Jul 61

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

Cross Section of the (n, 2n) Reaction in C^{12}, N^{14}, O^{16}, and F^{19} in the Energy Interval 10-37 Mev, by O. D. Brill', N. A. Vlasov, S. P. Kalinin, et al, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, No 1, 1961, pp 55-57.

AIP
Sov Phys - Dok
Vol VI, No 1

160,191

Sci

Jul 61

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

Concentration Dependence of the Magnetic Screening of the F^{19} Nucleus in the Systems KHF_2-H_2O and KHF_2-KF - H_2O, by Wang Yi-ch'iu, F. I. Skripov, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, No 1, 1961, pp 58-60.

AIP
Sov Phys - Dok
Vol VI, No 1

Sci

Jul 61

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

The Blue Color of Apatites, by V. M. Vinokurov, M. M. Zaripov, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, No 1, 1961, pp 61-62.

AIP
Sov Phys - Dok
Vol VI, No 1

Sci

Jul 61

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

The Influence of Temperature on the Angular Correlation of Quanta Arising From the Annihilation of Positrons and Electrons in Bismuth, by I. Ya. Dekhtyar, V. S. Mikhalenko, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, No 1, 1961, pp 63-65.

AIP
Sov Phys - Dok
Vol VI, No 1

Sci

Jul 61

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

On the Theory of Mossbauer Effect, by I. P. Dzyub, A. F. Lubchenko, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, No 1, 1961, pp 66-69.

AIP
Sov Phys - Dok
Vol VI, No 1

Sci

Jul 61

160,190

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

On the Theory of Discrete Space-Time, by V. G. Kadyshevskiy, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, No 1, 1961, pp 70-73.

AIP
Sov Phys - Dok
Vol VI, No 1

Sci

160,192

Jul 61

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

Direction of Sliding Friction and Cold Hardening of Surfaces, by V. D. Evdokimov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, No 1, 1961, pp 74-76.

AIP
Sov Phys - Dok
Vol VI, No 1

160,188

Sci

Jul 61

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

A Method for the Investigation of Complex Nuclear Reactions, by A. V. Kulikov, V. P. Chizhov, I. P. Yavor, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, No 1, 1961, pp 77-80.

AIP
Sov Phys - Dok
Vol VI, No 1

Sci

Jul 61

160,181

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

INVESTIGATION OF THE EFFECT OF TEMPERATURE ON THE MIGRATION OF ELEMENTS IN ALLOYS OF REFRACTORY METALS, BY M. D. SMOLIN, I. N. FRANTSEVICH, 6 PP.

DOK

RUSSIAN, PER, DOD AK NAUK SSSR, VOL CXXXVI, NO 1, 1961, PP 81-83.

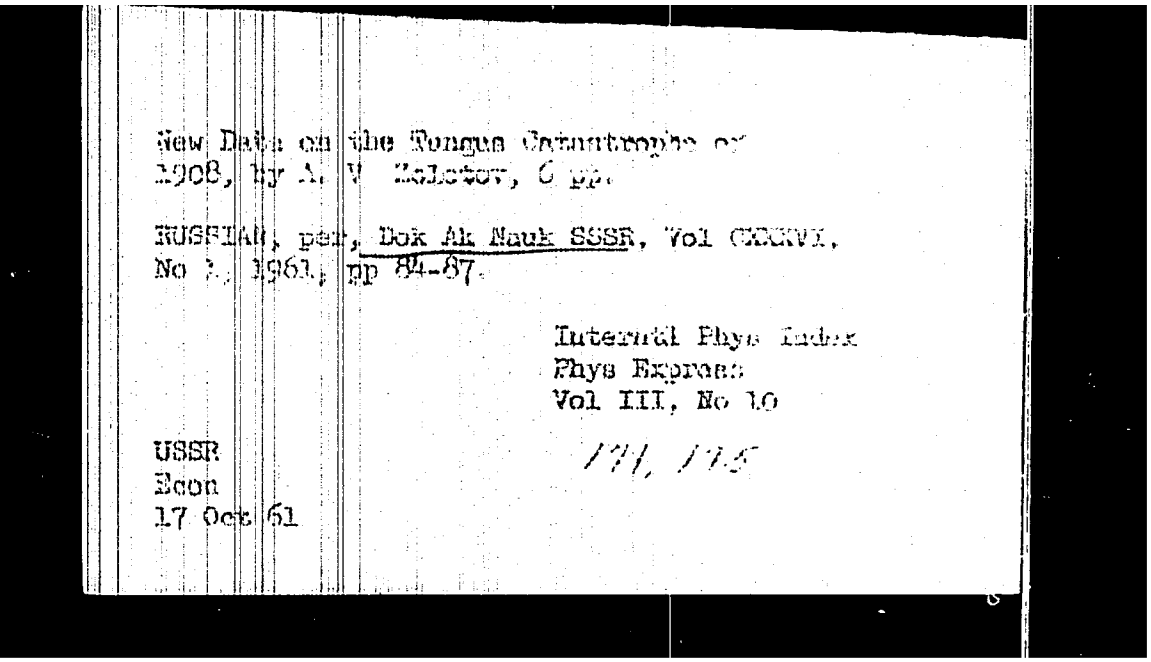
JPRS 17955

SCI - M/M
MAR 63

224,374

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5



New Data on the Tunguz Catastrophe of 1908, by A. V. Zolotov, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, No 2, 1961, pp 84-87.

Internat Phys Index
Phys Express
Vol III, No 10

171, 175

USSR
Econ
17 Oct 61

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

Boreskov, G. K., Disko, V. A. Tyulikova, I. Ya.
EFFECT OF WATER AND OXYGEN ON ETHYLENE POLYMERIZATION UPON CHROMIUM OXIDE CATALYST. [1961] [4]p. 3 refs.
Order from OTS or SLA $1.10 62-10438

Trans. of Akad[emiya] Nauk SSSR. Doklady, 1961, v. 136 [no. 1] p. 125-128.

DESCRIPTORS: *Ethylenes, *Polymerization, Water, Oxygen, *Catalysts, Chromium compounds, Oxides.

(Chemistry--Organic, TT, v. 7, no. 10)

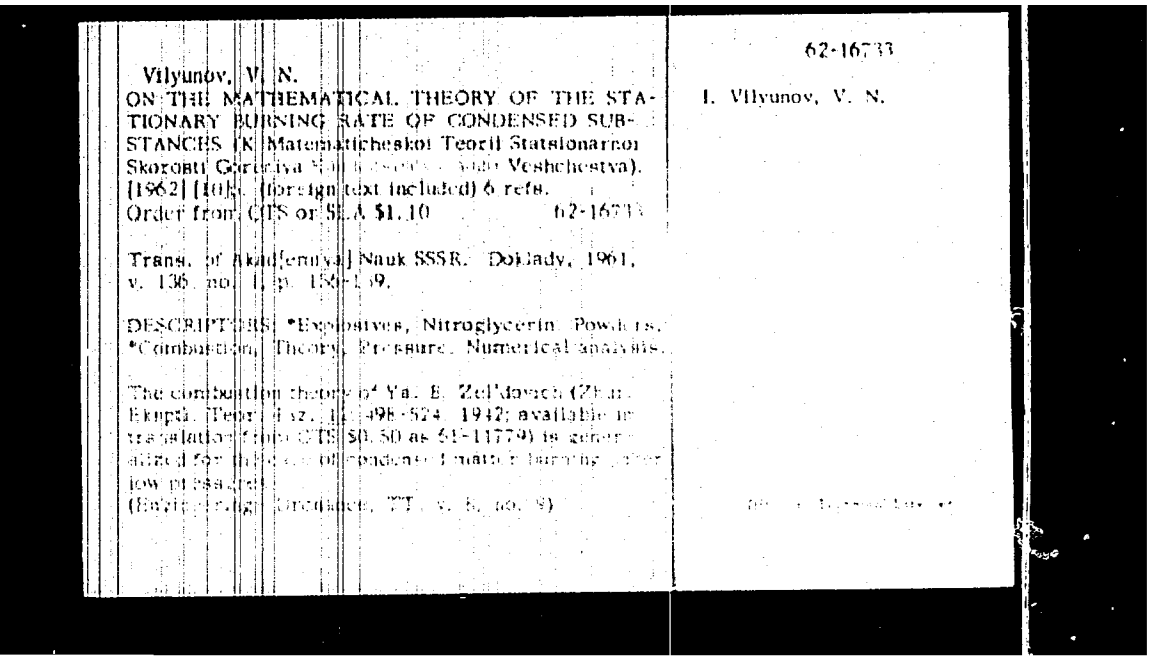
62-10438

I. Boreskov, G. K.
II. Disko, V. A.
III. Tyulikova, I. Ya.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5



Vilyunov, V. N.
ON THE MATHEMATICAL THEORY OF THE STATIONARY BURNING RATE OF CONDENSED SUBSTANCES (K Matematicheskoi Teorii Statsionarnoi Skorosti Gorieniya [illegible] Veshchestva). [1962] [10]p. (foreign text included) 6 refs.
Order from: CFS or SLA $1.10 62-16733

Trans. of Akad[emiya] Nauk SSSR. Doklady, 1961, v. 136, no. 1, pp. 158-159.

DESCRIPTORS: *Explosives, Nitroglycerin Powders, *Combustion, Theory, Pressure, Numerical analysis.

The combustion theory of Ya. B. Zel'dovich (Zhur. Eksptl. Teor. Fiz., 11: 498-524, 1942; available in translation from CFS: $0.50 as 61-11779) is generalized for the case of condensed material burning under low pressure.
(Basic Engineering Orientation, TT, v. 5, no. 9)

62-16733

I. Vilyunov, V. N.

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

Evstrop'ev, K. K. and [Kharyuzov, V. A.]
CONCERNING THE NATURAL CONDUCTIVITY OF ALKALI-FREE BARIUM-SILICATE GLASS. [1961]
5p. (13 refs. omitted).
Order from OTS or SLA $1.10 61-20676

Trans. of [Akademiya Nauk SSSR, Doklady] 1961, v. 136, no. 1, p. [140-142].

DESCRIPTORS: *Glass, Conductivity, Measurement, Electrochemistry, Mathematical analysis, *Barium, Impurities, *Silicates, Electrical properties, Electrical conductance.

Cast glass, containing 30, 40, and 50 mol-% BaO produced from $BaCO_3$ marked "pure", and sieved sand was melted in a 6-liter quartz crucible at 1550°F in a high frequency furnace. The Electrical

(Materials--Ceramics, TT, v. 7, no. 8) (over)

61-20676

I. Evstrop'ev, K. K.
II. Kharyuzov, V. A.

201443

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

The Leptochlorite Level in the Middle Jurassic Deposits of Central Dagestan, by G. N. Brovkov, T. A. Moskalenko, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, No 1, 1961, pp 163-166.

AGI

Sci

Nov 62

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

Age of the Blanket Basalts in Southern Primor'ye, by Ye. P. Denisov, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, No 1, 1961, pp 167, 168.

AGI

Sci

Nov 62

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

Concerning the Boundary of the Akchagylian and Apsheronian Stages of the Caspian Syneclise, by G. I. Karmishina, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, No 1, 1961, pp 169-171.

AGI

Sci

Nov 62

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

The Age of the Alkaline Intrusions of the Chibina and THE Lovozero Tundras (Kola Peninsula), by L. V. Komlev, A. K. Mikhalevskaya, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, No 1, 1961, pp 172-174.

AGI

Sci

Nov 62

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

The Stadial Character of the Retreat of Wurmian Glaciers in Dzhungar Alatau and in Certain Other Mountain Systems of Asia, by Ye. V. Maksimov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, No 1, 1961, pp 175-178.

AGI

Sci

Nov 62

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

Main Tectonic Features of the Sedimentary Mantle in the Southern Part of the Pechora Depression, by N. D. Matiyevskaya, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, No 1, 1961, pp 179-182.

AGI

Sci

Nov 62

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

New Data on the Stratigraphy of the Upper Devonian in the Eastern Part of the Bolshezemelsk Tundra, by G. A. Chernov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, No 1, 1961, pp 183-186.

AGI

Sci

Nov 62

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

Certain Characteristics of the Development of a Salt Karst, by G. V. Korotkevich, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, No 1, 1961, pp 187-190.

AGI

Sci

Nov 62

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

New Slag Minerals-Cephtosyl and Coelanite, by
A. V. Rudneva, T. Ya. Malysheva, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, No 1,
1961, pp 191-194.

AGI

Sci

Nov 62

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

Regularities in the Distribution of Chemical Elements in Modern Sediments of the Black Sea, by M. A. Glagoleva, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, No 1, 1961, pp 195-198.

AGI

Sci

Nov 62

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

Typomorphic Occurences of Strontium in Quaternary Deposits of the Arid Zone, by V. V. Dobrovol'skiy, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, No 1, 1961, pp 199-.

AGI

Sci

Nov 62

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

Rate of Sedimentation in the Indian Ocean According to Radiocarbon Data, by I. Ye. Starik, A. P. Zharkov, 3 pp

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, No 1, 1961, pp 203-205.

AGU

Sci
Dec 62

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

Seeds of Euryale From the Pliocene of the Lower Kama, by N. Ya. Kats, S. V. Kats, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, No 1, 1961, pp 206-208.

AGI

Sci

Nov 62

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

Circaeidae -- a New Family of Coleoptera From Amber (Insecta, Coleoptera), by S. M. Yablokov-Khnzoryan, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, No 1, 1961, pp 209-.

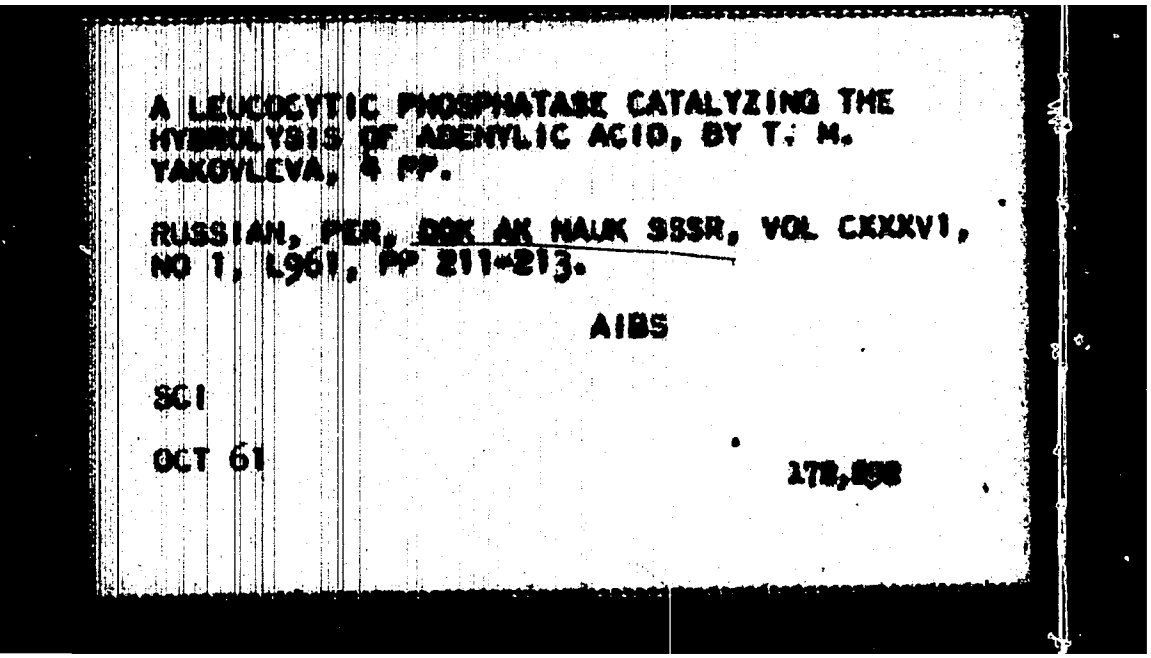
AGI

Sci

Nov 62

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5


A LEUCOCYTIC PHOSPHATASE CATALYZING THE
HYDROLYSIS OF ADENYLIC ACID, BY T. M.
YAKOVLEVA, 4 PP.
RUSSIAN, PER, DOK AK NAUK SSSR, VOL CXXXV1,
NO 1, 1961, PP 211-213.
AIBS
SCI
OCT 61

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

Seasonal Peculiarities of Ova Maturation in Fish With Two Types of Spawning, by B. V Koshelev, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, No 1, 1961, pp 214-217.

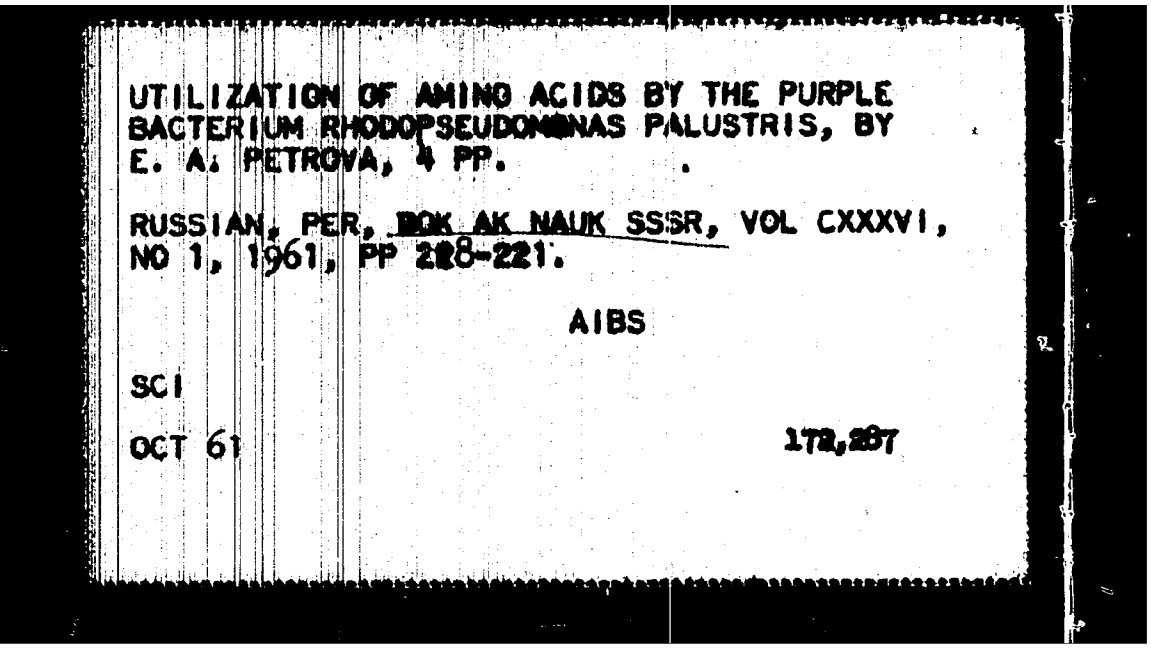
AIBS

Sci

Oct 61

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5



UTILIZATION OF AMINO ACIDS BY THE PURPLE BACTERIUM RHODOPSEUDOMONAS PALUSTRIS, BY E. A. PETROVA, 4 PP.

RUSSIAN, PER, DOK AK NAUK SSSR, VOL CXXXVI, NO 1, 1961, PP 218-221.

AIBS

SCI

OCT 61

172,287

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

Cytochemical Reactions of Ribonucleoproteins of Mitochondria and Tigroid Bodies of Nerve Cells in the First Few Minutes After Gamma-Ray Exposure, by A. L. Shabadash, T. I. Zelikina, N. D. Agrachova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, No 1, 1961, pp 222-225.

AIP
Sov Phys - Dok
Vol VI, No 1

AIBS

160,197

Sci

Jul 61

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

Fluorescence of Nucleic Acids in Solution, by
L. C. Agroskin, N. V. Korolev, I. S. Kulayev,
3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI,
No 1, 1961, pp 226-229.

AIBS

169, 926

Sci

Sep 61

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

Biology and Biochemistry of Cladophora Siwaschensis Meyer, by N. N. Alfimov, A. I. Proshkina-Lavrenko, 2 pp

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, No 1, 1961, pp 230-232.

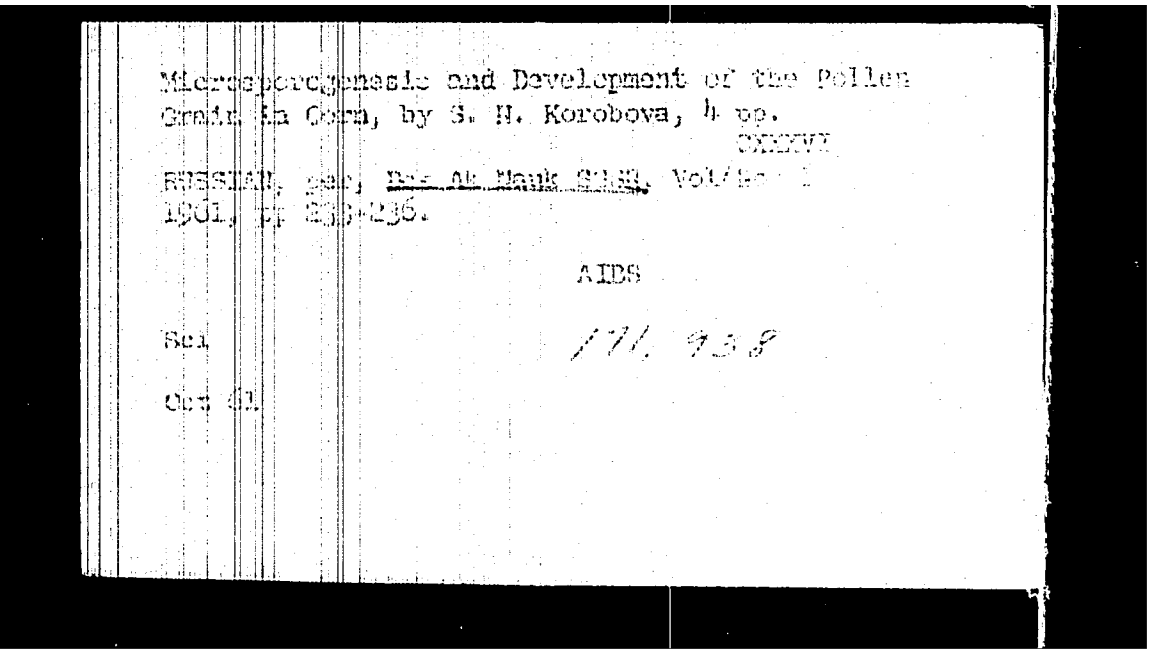
AIBS

Sci

Oct 61

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5



Microsporogenesis and Development of the Pollen Grain in Corn, by S. N. Korobova, 4 pp.

RUSSIAN, Zap, Ros Ak Nauk SSSR, Vol/No 1 1901, pp 233-236.

AIDS

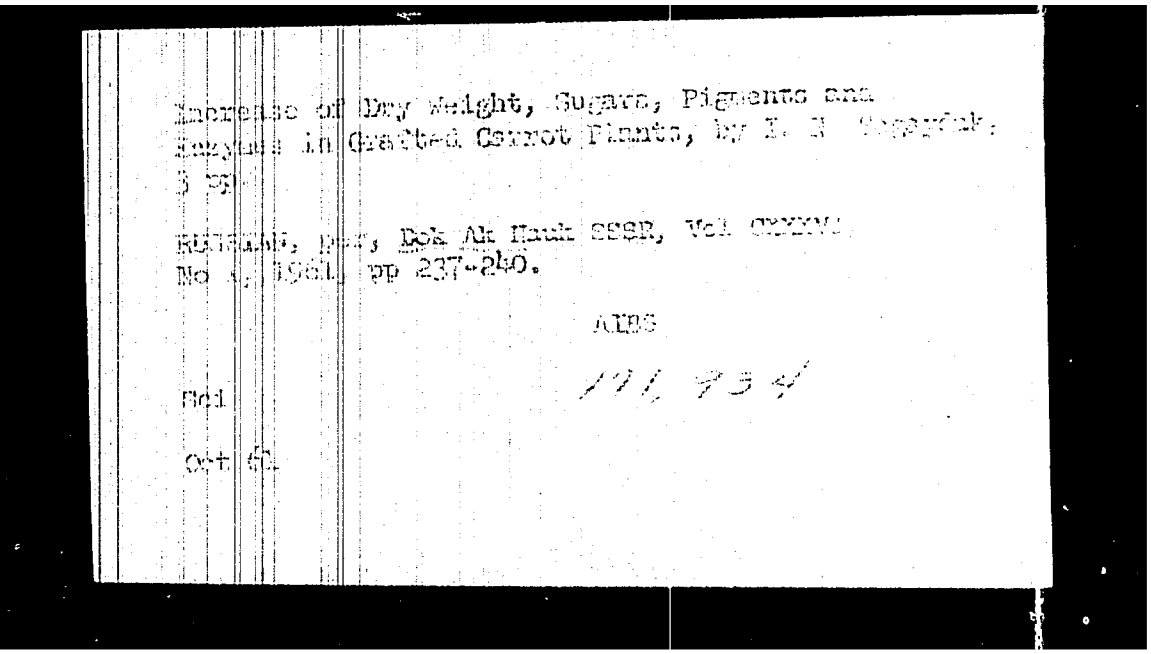
Sci

Oct 61

111 938

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5



Increase of Dry Weight, Sugars, Pigments and
Enzymes in Grafted Carrot Plants, by I. I. Gapeyuk;
3 pp.

Russian, Dok Ak Nauk SSSR, Vol CXXXVI
No 4, 1961, pp 237-240.

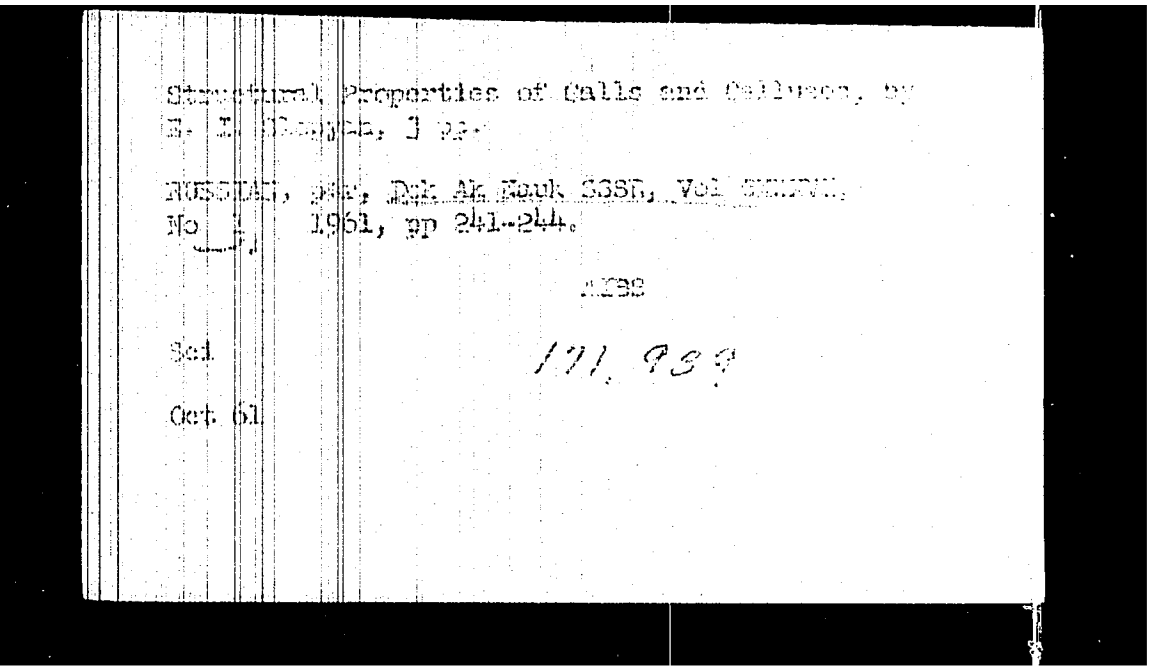
ARMS

Rel

Oct 61

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5



Structural Properties of Calls and Calveon, by
E. I. [illegible], 1 p.

DOKLADY, phys, Dok Ak Nauk SSSR, Vol [illegible],
No [illegible], 1961, pp 241-244.

[illegible]

Sol

Oct 61

171, 959

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

The Coloration of the Peritoneum of the Crucian Carp as a Taxonomic Character, by A. I. Goryunova, 2 pp.

RUSSIAN, per; Dok Ak Nauk SSSR, Vol CXXXVI, No 1, 1961, pp 245-246.

AIBS

Sci

Oct 61

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

The Occurrence in the Fauna of SSSR of a New Subfamily of Leaf Beetles (Coleoptera, Chrysomelidae, Chlamydinae), by L. N. Medvedev, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, No 1, 1961, pp 247-243.

AIBS

Sci

Oct 61

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

New Information on the Duct of Arantius, by D. G. Doviner, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, No 1, 1961, pp 249-252

AIBS

Sci

Oct 61

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

Changes in the Sensitivity of Strychnine in the Course of Ontogenesis of the Reflex Act, by D. A. Sakharov, Katalin Veresh, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, No 1, 1961, pp 253-255.

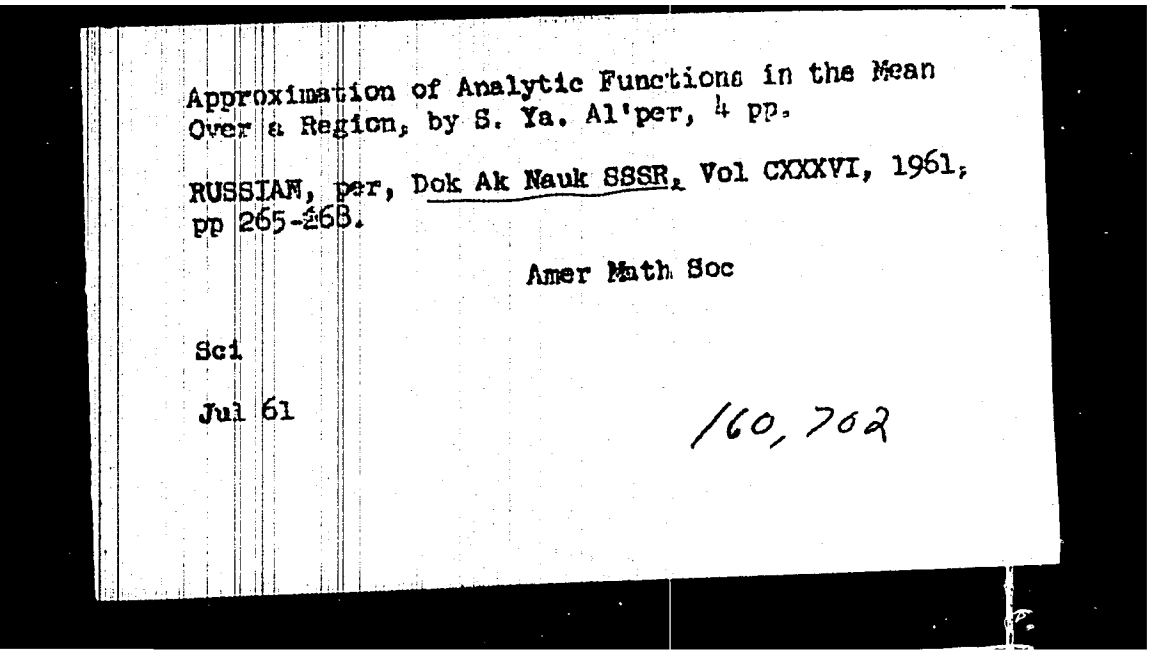
AIBS

Sci

Oct 61

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5



Approximation of Analytic Functions in the Mean Over a Region, by S. Ya. Al'per, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, 1961, pp 265-268.

Amer Math Soc

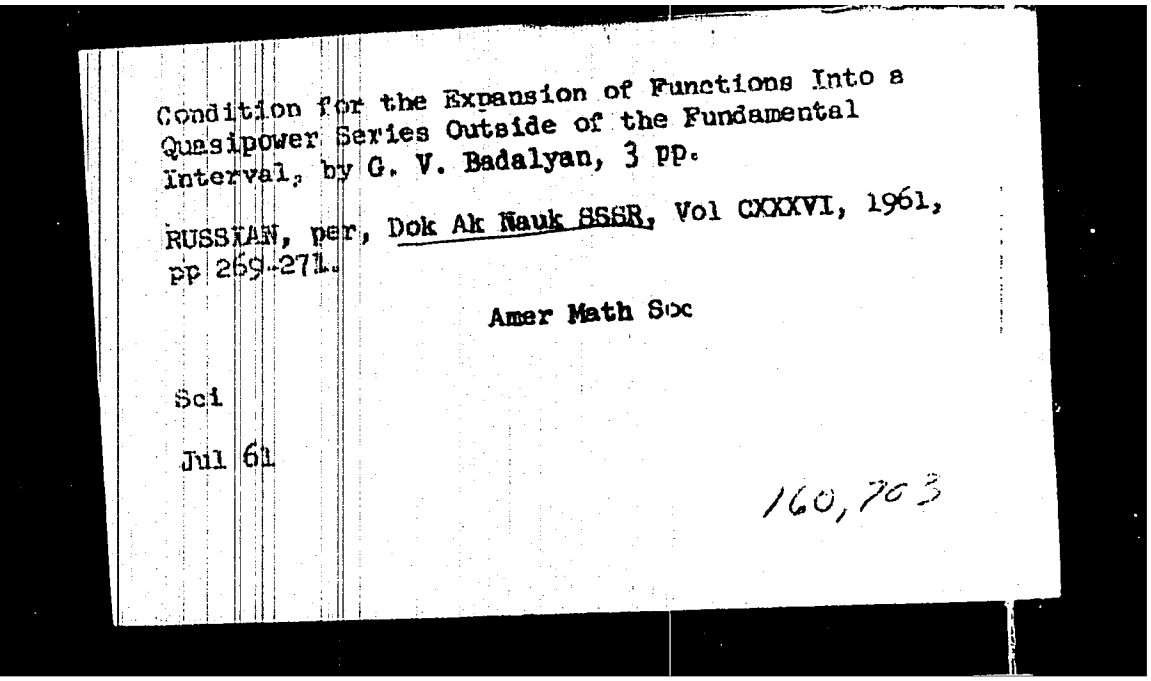
Sci

Jul 61

160,702

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5



Condition for the Expansion of Functions Into a Quasipower Series Outside of the Fundamental Interval, by G. V. Badalyan, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, 1961, pp 269-271.

Amer Math Soc

Sci

Jul 61

160,703

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

Boundary-Value Problem for a Mixed-Type Equation of Higher Order, by V. I. Zegalov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, 1961, pp 274-276.

Amer Math Soc

Sci

Jul 61

160, 705

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

Some Problems Involving Burning-Theory Equations, by Ya. I. Kanel', 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, 1961, pp 277-280.

Amer Math Soc

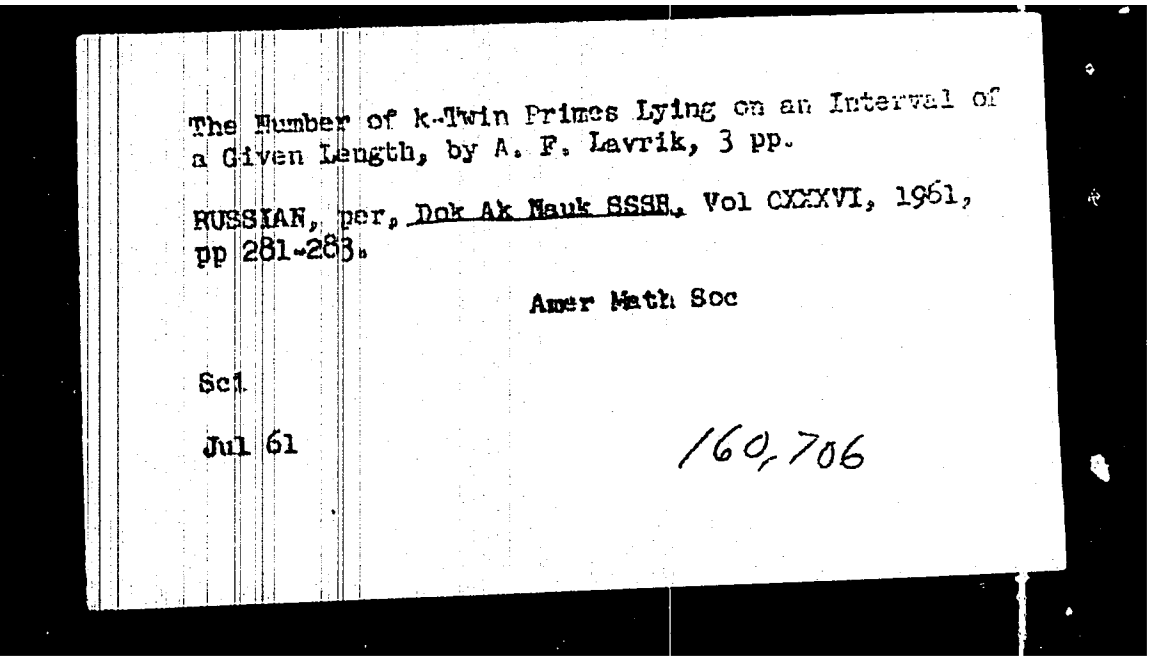
Sci

Jul 61

160,704

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5



The Number of k-Twin Primes Lying on an Interval of a Given Length, by A. F. Lavrik, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, 1961, pp 281-283.

Amer Math Soc

Sci

Jul 61

160,706

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

Extension of the Structural Formula for Convex Univalent Functions to a Multiply Connected Circular Region, by Yu. D. Maksimov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, 1961, pp 284-287.

Amer Math Soc

Sci

Jul 61

160, 707

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

Homogeneous Functions and Some Problems of Integral Geometry in Spaces of Constant Curvature, by V. I. Semyanistyy, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, 1961, pp 288-291.

Amer Math Soc

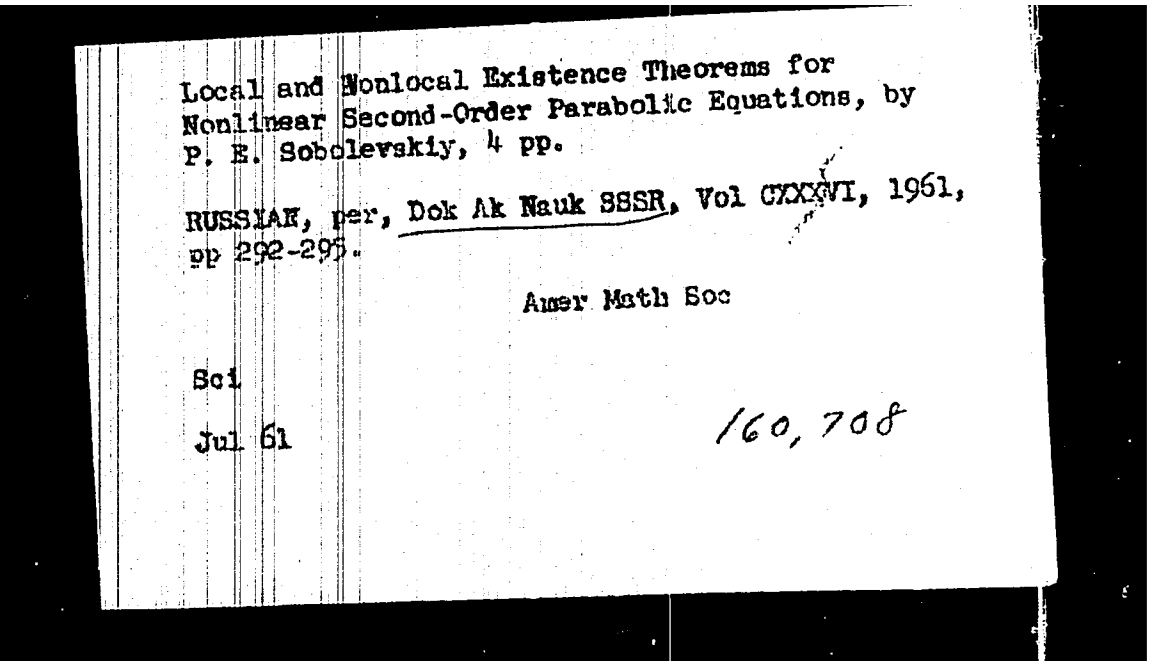
Sci

Jul 61

160,709

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5



Local and Nonlocal Existence Theorems for Nonlinear Second-Order Parabolic Equations, by P. E. Sobolevskiy, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, 1961, pp 292-295.

Amer Math Soc

Sci

Jul 61

160,708

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

On the Divisor Class Groups of Some Algebraic Curves, by D. K. Faddeyev, 3 pp.

RUSSIAN, per, ~~Dok Ak Nauk SSSR~~, Vol CXXXVI, 1961, pp 296-298.

Amer Math Soc

Sci

Jul 61

160,710

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

Some Notions Connected With That of the Genus of a Fiber Space, by A. S. Svarc, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, 1961, pp 301-303.

Amer Math Soc

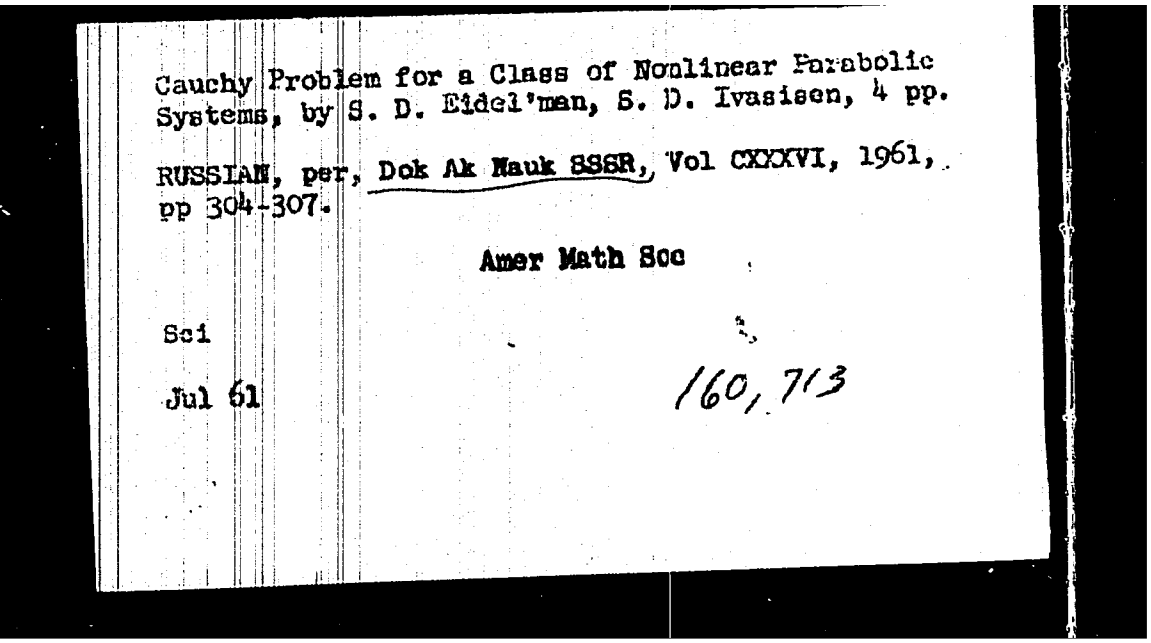
Sci

Jul 61

160,711

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5



Cauchy Problem for a Class of Nonlinear Parabolic Systems, by S. D. Eidel'man, S. D. Ivasisen, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, 1961, pp 304-307.

Amer Math Soc

Sci

Jul 61

160, 713

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

Works With Finite Admittances Using the Theory of Cumulative Nets, by G. N. Pavarov, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, No 2, Jan 1961, pp 308-310.

Interntl Physical Index
Automation Express
Vol III, No 9

166,189

Sci - Math

8 Sep 61

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

(DC-5523)

The Use of the Cumulative Network Theory for Qualitative Analysis of Electrical Circuits Having Finite Conductances, by G. N. Povarov, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, No 2, 1961, pp 308-310.

JPRS 8103

Sci - Electricity

Apr 61

AIP

149,923

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

The Effect of Bubbles in Shock Detonation in a Liquid, by R. I. Soloukhin, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, No 2, 1961, pp 311-312.

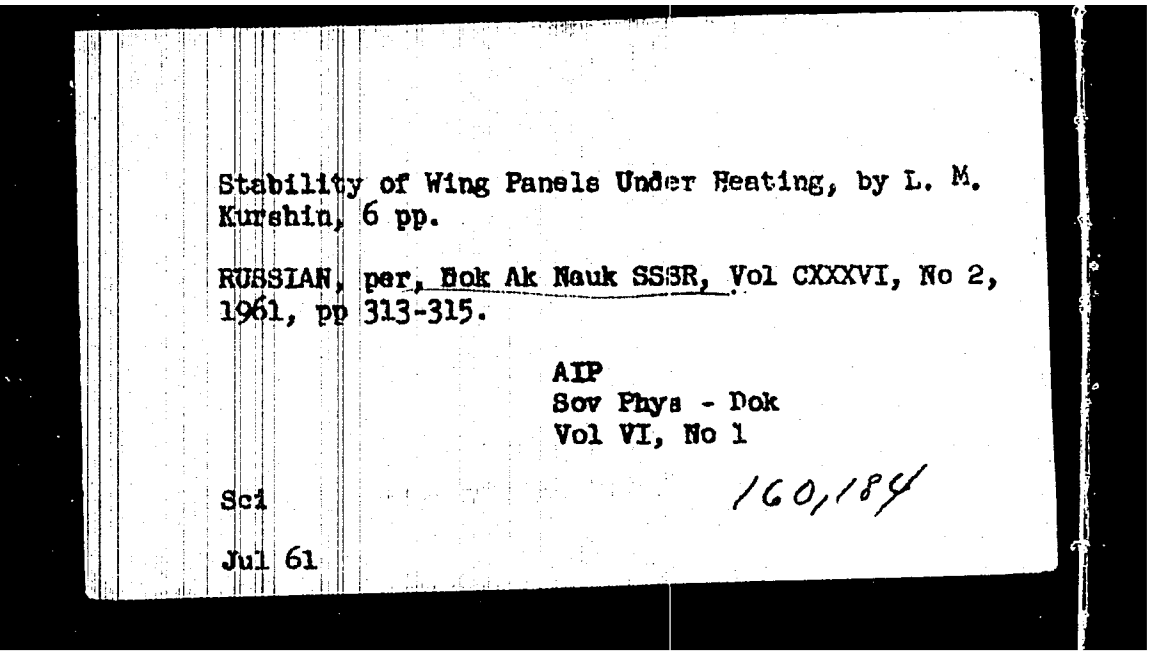
AIP
Sov Phys - Dok
Vol VI, No 1

Sci

Jul 61

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5



Stability of Wing Panels Under Heating, by L. M. Kurshin, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, No 2, 1961, pp 313-315.

AIP
Sov Phys - Dok
Vol VI, No 1

Sci

160,184

Jul 61

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

Chemical Shift of the Nuclear Magnetic Resonance Signal of Fluorine in Ionic Crystals, by Wang Yi-ch'iu, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, No 2, 1961, pp 317-319.

AIP
Sov Phys - Dok
Vol VI, No 1

Sci

Jul 61

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

The Variation of the Electrical Resistance of Some Metals Up to Pressures of 200,000 kg/cm^2, by L. F. Vereshchagin, A. A. Semerchan, N. N. Kuzin, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, No 2, 1961, pp 320-321.

AIP
Sov Phys - Dok
Vol VI, No 1

Sci

Jul 61

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

(DC-5523)

Radiation Measurements During the Flight of the Third Cosmic Rocket, by S. N. Vernov, A. Ye. Chudakov, P. V. Vakulov, et al, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, No 2, 1961, pp 322-324.

JPRS 8103

Sci - Space Res

Apr 61

149,924

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

Decay of the Two-Hour Isotope Lu^{168}, by E. P. Grigor'yev, K. Ya. Gromov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, No 2, 1961, pp 325-328.

AIP
Sov Phys - Dok
Vol VI, No 1.

Sci

160,185

Jul 61

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

A New Effect of Negative Photoconductivity in a Magnetic Field, by A. A. Grinberg, S. R. Novikov, S. M. Ryvkin, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, No 2, 1961, pp 329-331.

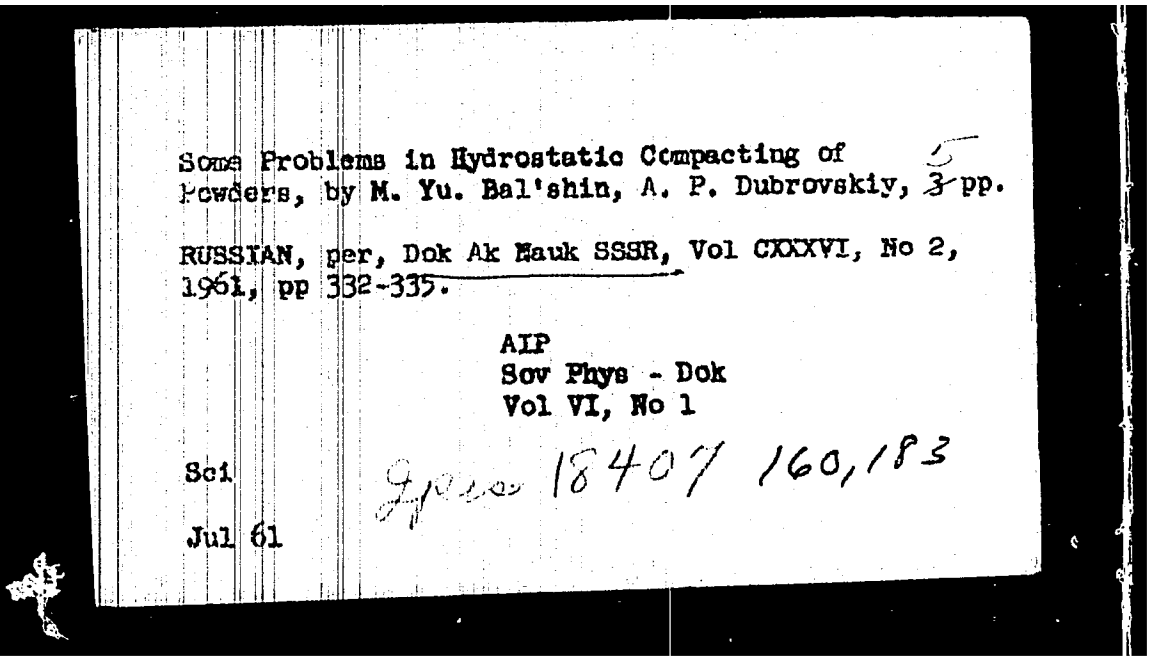
AIP
Sov Phys - Dok
Vol VI, No 1

Sci

Jul 61

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5



Some Problems in Hydrostatic Compacting of Powders, by M. Yu. Bal'shin, A. P. Dubrovskiy, 3 pp. 5

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, No 2, 1961, pp 332-335.

AIP
Sov Phys - Dok
Vol VI, No 1

Sci

Jul 61

Spec 1840/ 160,183

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

Some Properties of the Cesium Plasma of a Thermoelectron Energy Converter, by N. D. Morgulis, Yu. P. Korchevoi.

RUSSIAN, per Dok Ak Nauk, SSSR, Vol CXXXVI, No 2, 1961, pp 336-338. 9676873

NRL Tr No 846

Sci - Electron

May 61

AIP
Sov Phys - Dok
Vol VI, No 1

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

Egorov, Yu. P. and Lubuzh, E. D.
THE USE OF INFRARED SPECTRA IN THE C-H STRETCHING VIBRATION REGION FOR THE DETERMINATION OF THE STRUCTURE OF ALKALINES, AROMATIC HYDROCARBONS, AND COMPOUNDS CONTAINING HETERO ATOMS. [1962] 5p.
Order from ATS $7.85 ATS-47P64R

Trans. of Akad[emiya] Nauk SSSR. Dokl[ady] 1961, v. 136, no. 2, p. 342-345.

DESCRIPTORS: *Alkanes, *Hydrocarbons, *Heterocyclic compounds, *Infrared spectroscopy, Carbon, Hydrogen, Chemical bonds, Vibration.

(Chemistry--Analytical, TT, v. 9, no. 2)

63-12260

I. Egorov, Yu. P.
II. Lubuzh, E. D.
III. ATS-47P64R
IV. Associated Technical Services, Inc., East Orange, N. J.

ATS [illegible]

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

Zhuk, D. S., Keppen, V. A., and Pokatilo, N. A.
RÉACTION DU CYCLOHEXÈNE AVEC L'ACIDE NITRIQUE CONCENTRÉ (Inter Action between Cyclohexene and Concentrated Nitric Acid). 8p. 10 refs. FR-2320.
Order from CTS, ETC or CNRS $0.80 62-26957

Trans. in French of Akademiya Nauk SSSR. Doklady, 1961, v. 136, no. 2, p. 346-350.

DESCRIPTORS: *Cyclohexenes, *Nitric acid, Chemical reactions, Nitro radicals, Alcohols, Acids, Ketones.

(Chemistry--Organic, TT, v. 10, no. 9)

62-26957

I. Zhuk, D. S.
II. Keppen, V. A.
III. Pokatilo, N. A.
IV. F/R-2320
V. Centre National de la Recherche Scientifique, Paris (France)

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

Free Radical Addition of Alcohols to Acrylic Acid and Its Methyl Ester. Synthesis of γ -Lactones, by A. N. Rodionov, T. V. Talavera, et al.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, No 2, 1961, pp 360-363.

NLL M. 3264
OTS 62-15249 191, 915

Sci - Chem

Apr 62

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

Formation of Intermediate Radical-Like Surface Forms in Heterogenous Catalysis, by V. E. Vasserberg, et al.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, No 2, 1961, pp 377-380.

MLL M. 3245
OTS 62-15[illegible]

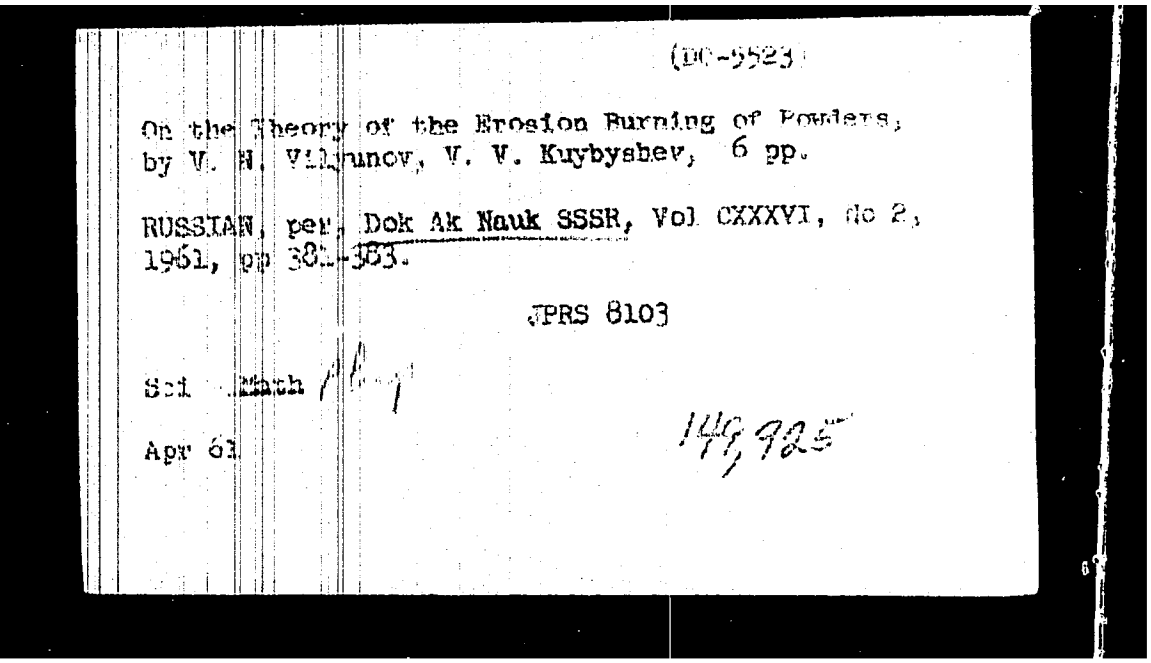
Sci - Phys

Apr 62

189,787

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5



(DC-5523)

On the Theory of the Erosion Burning of Powders, by V. N. Vilyunov, V. V. Kuybyshev, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, No 2, 1951, pp 381-383.

JPRS 8103

Sci Mech

Apr 61

149,925

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

Boundary [redacted] Surface Tension of Two Gas Phases Under High Pressure, by D. S. Tsiklis, Yu. N. Vasilev, 9 pp.
RUSSIAN, per, Dok Ak Nauk, Vol CXXXVI, No 2, 1961, pp 394-397.

OTS TT-64-10109

Sci-Chem, Phys
May 64

256,806

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

Stability of Hydrated Calcium Sulphoaluminates,
by Yu. M. Butt, et al.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI,
No 2, 1961, pp 398-400.

MLL M. 4773

Sol - Chem

Jul 62

204,837

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

Rozen, A. M., Vasilev, V. A. and others.
PROCESS MECHANISM IN PACKED COLUMNS WITH PULSATION. [1961] 7p. 8 refs.
Order from OTS or SLA $1.10 62-10434

Trans. of Akad[emiya] Nauk SSSR. Doklady, 1961, v. 136 [no. 2] p. 401-404.

DESCRIPTORS: *Mass transfer, Vibration, Towers (Chemistry), Uranyl radicals, Nitrates, Solvent extraction.

(Chemistry--Analytical, TT, v. 7, no. 10)

62-10434

I. Rozen, A. M.
II. Vasilev, V. A.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5

The Lower Paleozoic of the Pamirs and Darvaz, by B. P. Barkhatov, G. G. Mel'nik, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, No 2, 1961, pp 408-411.

AGI

Sci

Nov 62

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201120043-5